

Growth Direct® Rapid Sterility

Fast, Accurate Results

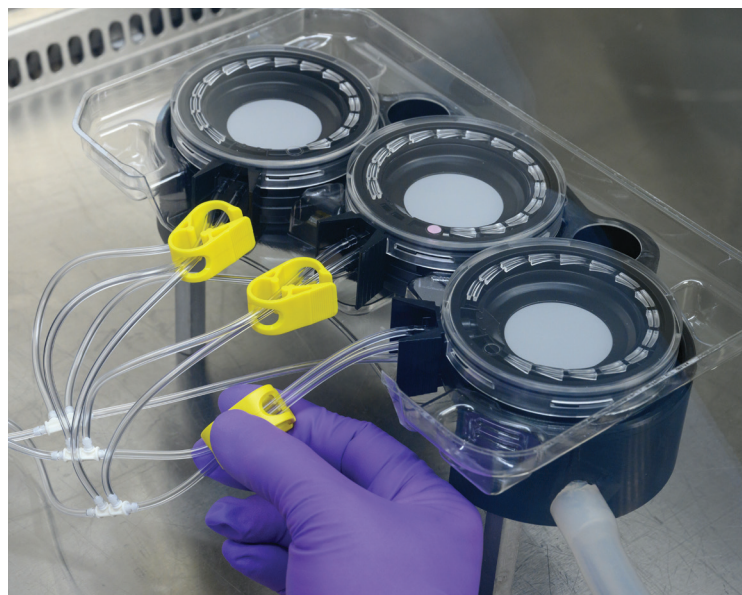
- Time-to-result in as little as 1–3 days
- Rapid colony detection in as little as 12 hours
- Immediate CFU access for investigation
- Designed to meet a limit of detection of 1 CFU as directed in USP <1223>
- Ensures data integrity compliance

Swift Product Release

- Vaccines
- Biologics
- Sterile Injectables
- Personal care products

Greater Efficiency

- Eliminates need for costly reagents
- Decreases hands-on labor
- Reduces human error
- Integrates with all major LIMS platforms
- Works with isolators and traditional peristaltic pumps



The only fully automated, non-destructive platform for rapid sterility testing, the Growth Direct® Rapid Sterility System is designed to deliver a TTD (time-to-detect) in as little as 12 hours. Much faster than the traditional method requiring a 14-day endpoint incubation, it also provides final results in as little as 1–3 days. All with the capability to meet a 1 CFU limit of detection, for accurate results in accordance with USP <1223> as a validated alternative method.

Fewer Steps, Fewer Contamination Risks



The Growth Direct® Rapid Sterility System replicates all three traditional test conditions within a kit of three cassettes. Simply load the kit and our automated closed-loop system does the rest, running as many as 126 kits at once while reducing risks of secondary contamination.

Unlike the compendia I method, only a single proprietary growth media is needed. And unlike other rapid sterility offerings, the Growth Direct® Rapid Sterility System does not require costly, time-consuming reagents. In the event of a positive result, organisms are accessible directly from the cassette so that investigation can begin immediately.

Accelerated Product Release

By mirroring traditional sterility incubation regimens with a new level of automated efficiency, the Growth Direct® Rapid Sterility System makes it possible to record a negative result in less than half the time—while ensuring data integrity compliance and simplifying operator tasks. So you can ship quality products more rapidly, with fewer bottlenecks and less potential waste caused by undetected contamination on the manufacturing line.



Contact Rapid Micro Biosystems at support@rapidmicrobio.com or call us at 978-349-3200.